

Comment	Description	Designator	Footprint	LibRef	Quantity	Value	Parameters	Link
ABMBW	Crystal Oscillator	X1	ABMBW	ABMBW	1			https://pl.mouser.com/ProductDetail/ABRACON/ABMBW-25000MHZ-7-B1U-T3?qs=GAEpiMZZMsBj6b8r9Q9abMK2mGYOCs%252BxvR8E6eG%2F7Cual5AoMhw%3D%3D
ADS1219		U7	ADS1219	ADS1219	1			https://pl.mouser.com/ProductDetail/Texas-Instruments/ADS1219PWR?qs=GAEpiMZZMve4%2FbFQko%252BDeWbauEa%2FEPWv2OesOQCM%3D
24AA025E48-I/SN		U4	SOIC-10	24AA025E48-I/SN	1			https://pl.farnell.com/microchip/24aa025e48-i-sn/serial-eeeprom-2kbit-400khz-soic/dp/1814890
BUTTON		J3	B3SN-3012	BUTTON	1			https://pl.farnell.com/omron/b3sn-3012/switch-spst-no-0-05a-24vdc-smd/dp/1181018
CAP-NO-POL		C1, C2, C3, C4, C20, C23, C24, C26, C27, C28, C29, C30, C33, C37, C38, C39, C40, C41, C42, C43, C44, C46, C47, C49, C50, C55, C59, C60, C61, C64, C65, C66, C67, C68, C69, C70, C71, C72, C76, C78, C80	0603_KICAD	CAP-NO-POL	41	100n	ceramic X5R, ±10%, 16V	https://pl.farnell.com/kemet/c0603c104k4pactu/cap-0-1-f-16v-10-x5r-0603/dp/2773120RL
CAP-NO-POL		C5, C21, C22, C79	0603_KICAD	CAP-NO-POL	4	2.2u	ceramic X5R, ±10%, 16V	https://pl.farnell.com/kemet/c0603c225k4pactu/cap-2-2-f-16v-10-x5r-0603/dp/1288203
CAP-NO-POL		C31, C32, C81	0603_KICAD	CAP-NO-POL	3	10u	ceramic X5R, ±10%, 16V	https://pl.farnell.com/murata/grm188r61c106kaald/cap-10-f-16v-10-x5r-0603/dp/2611923
CAP-NO-POL		C34, C35	0603_KICAD	CAP-NO-POL	2	3.9p	COG / NPO, ± 0.1pF	https://pl.farnell.com/kemet/c0603c399b5gactu/cap-3-9pf-50v-c0g-np0-0603/dp/2896858RL
CAP-NO-POL		C36, C45, C51, C52	0603_KICAD	CAP-NO-POL	4	1.5p	COG / NPO, ± 0.1pF	https://pl.farnell.com/vishay/vi0603d1r5bpa/cap-1-5pf-250v-c0g-np0-0603/dp/2134018
CAP-NO-POL		C48, C53, C54	0603_KICAD	CAP-NO-POL	3	1u	ceramic X5R, ±10%, 16V	https://pl.farnell.com/avx/0603vd105kat2a/cap-1-f-16v-10-x5r-0603/dp/1327680
CAP-NO-POL		C75, C77	0603_KICAD	CAP-NO-POL	2	22u	ceramic X5R, ±20%, 10V (min)	https://pl.farnell.com/murata/grm188r61a226me15d/cap-22-f-10v-10-x5r-0603/dp/2426957
CAP-POL		C56, C57	1206_KICAD	CAP-POL	2	4.7u	ceramic X5R, ±10%, 25V	https://pl.farnell.com/kemet/c1206c475k3pactu/cap-4-7-f-25v-10-x5r-1206/dp/9227938RL
CORTEX_DBG_ETM_20PIN_50MIL5		J1	CORTEX_DBG_ETM_20PIN_50MIL5	CORTEX_DBG_ETM_20PIN_50MIL5	1			https://pl.farnell.com/samtec/ftsh-110-01-1-dv/header-sm-t-vertical-1-27mm-20way/dp/1667761
DIODE_SCHOTTKY		D19	DO-214AA	DIODE_SCHOTTKY	1			https://pl.farnell.com/stmicroelectronics/stps1130u/diode-schottky-1a-30v-smd-smb/dp/1467550
DIODE_SCHOTTKY		D23, D24, D30, D31	0603_KICAD	DIODE_SCHOTTKY	4			https://pl.farnell.com/bourns/cd0603-b0240r/diode-schottky-single-40v-0603/dp/2807974
ECX-34RR	Crystal Oscillator	X2, X3	ECX-34RR	ECX-34RR	2			https://pl.mouser.com/ProductDetail/ECS/ECS-327-125-34RR-TR?qs=GAEpiMZZMsBj6b8r9Q9abMK2mGYOCs%252BxvR8E6eG%2F7Cual5AoMhw%3D%3D
ESD_GUARD_2PIN		D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D25, D26, D37, D38	0603_KICAD	ESD_GUARD_2PIN	14			https://pl.farnell.com/bourns/cga0603mlc-05e/esd-suppressor-0603-5v-0-2pf/dp/2368172
ESD_GUARD_2PIN		D33, D34, D35, D36, D39, D40, D41	0402_NEW	ESD_GUARD_2PIN	7			https://pl.farnell.com/bourns/cga0402mlc-05g/esd-suppressor-0402-5v-0-2pf/dp/2368168
FFC_FPC_12PINS		J5, J6, J7, J8, J9, J10, J15, J16	MOLEX_52207-1260_12PINS_1MM_PITCH	FFC_FPC_12PINS	8			https://pl.farnell.com/molex/52207-1260/connector-ffc-fpc-12pos-1row-1mm/dp/1757080
HEAD-2PIN	Header 2pin	J2, J13	HEADER-100MLS-2PIN	HEAD-2PIN	2		przewlekane, proste, 2.54mm	https://pl.farnell.com/harwin/m20-9990246/header-straight-2-54mm-1row-2way/dp/1022247
HEAD-2PIN	Header 2pin	J11	MOLEX_NANOFIT_2_PINS_VERT_THT	HEAD-2PIN	1			https://pl.farnell.com/molex/105309-1102/connector-header-2pos-1row-2-5mm/dp/2820677
HEAD-3PIN	Header 3pin	J4, J12	HEADER-100MLS-3PIN	HEAD-3PIN	2		przewlekane, proste, 2.54mm	https://pl.farnell.com/wurth-elektronik/61300311121/header-2-54mm-pin-tht-vertical/dp/2356154
INA180A	INA180A2 - 50V/V	U8	INA180A-SOT23	INA180A	1			https://pl.farnell.com/texas-instruments/ina180a2ldbt/current-sense-amplifier-210khz/dp/3118131
IND		L1, L2	0603_KICAD	IND	2	BLM18PG1215N1D	BLM18PG1215N1D, ferrit bead	https://pl.farnell.com/murata/blm18pg1215n1d/ferrite-bead-0603-0-05ohm-2a/dp/1515738
IS42S16320F	SDRAM Vdd = 3.3V, 8M x 16 x 4 banks, 143 MHz, speed=7ns, 54-pin TSOPII	U11	IS42S16320F	IS42S16320F	1			https://pl.farnell.com/integrated-silicon-solution-issi/is42s16320f-7tli/sdram-512mbit-143mhz-tsop-ii-54/dp/2901166
KSZ8081RNA		U12	KSZ8081RNA	KSZ8081RNA	1			https://pl.farnell.com/microchip/ksz8081rnaca-tr/ic-trx-phy-10-100-phy-24miff/dp/2509802
LED		D11, D12, D13, D14, D15, D16, D17, D18	0603_KICAD	LED	8	green		
LED_RGB_3A_3K		D20	ASMT-YTB7-0AA02	LED_RGB_3A_3K	1			https://pl.farnell.com/broadcom-limited/asmt-ytb7-0aa02/led-plcc6-rgb-650-1900-384-mcd/dp/2368159
MCP1825S		U9	SOT-223	MCP1825S	1			https://pl.farnell.com/microchip/mcp1825s-3302e-dt/ic-ldo-3-3v-500ma-sot-223-3/dp/1578404
MCSJK-3N	Crystal Oscillator SMD 3225 (3.2mm x 2.5mm x 1mm)	X4	MCSJK-3N	MCSJK-3N	1			https://pl.farnell.com/multicomp/mcsjk-3n-25-00-3-3-50-c/oscillator-25mhz-3-2mm-x-2-5mm/dp/2854309
RES		R3, R200, R202, R203, R204, R205	0402_NEW	RES	6	10k	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R14, R15, R16, R17, R18, R19, R20, R23, R24, R29, R30, R31, R32, R34, R35, R36, R37, R38, R39, R40, R42, R43, R49, R50, R51, R52, R54, R55, R56, R59, R61, R64, R66, R67, R68, R70, R71, R72, R75, R76, R77, R78, R81, R82, R85, R86, R89, R90, R92, R93, R94, R96, R97, R98, R99, R100, R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R114, R115, R116, R118, R119, R120, R122, R123, R124, R125, R126, R127, R128, R129, R130, R133, R134, R136, R137, R138, R139, R140, R141, R142, R143, R144, R145, R146, R147, R148, R149	0402_NEW	RES	109	33	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R21, R27, R28, R33, R46	0402_NEW	RES	5	22k	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R22, R41, R45, R74, R79, R83, R87, R95	0402_NEW	RES	8	68	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R26, R190, R196	0402_NEW	RES	3	1k	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R47	0402_NEW	RES	1	220k	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R53, R63, R80, R153, R154, R209, R210	0402_NEW	RES	7	0	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R57	0603_KICAD	RES	1	14.7k	62.5mW (lub wiecej), ±1% (lub mniej)	
RES		R58	0603_KICAD	RES	1	100	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R60	0603_KICAD	RES	1	10.2k	62.5mW (lub wiecej), ±1% (lub mniej)	
RES		R150	0603_KICAD	RES	1	6.8k	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R151, R155, R156, R180, R181	0603_KICAD	RES	5	2.2k	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R152, R157, R178, R179, R201	0603_KICAD	RES	5	10k	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R158, R159, R160, R161, R162, R163	0603_KICAD	RES	6	1k	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R164, R165, R182, R183, R184, R185	0603_KICAD	RES	6	0	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R166, R167, R168, R169, R170, R171, R172, R173	0603_KICAD	RES	8	820	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R174, R177	0603_KICAD	RES	2	10	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R175	0603_KICAD	RES	1	160	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R176	1206_KICAD	RES	1	20m	potarowowy, 20mOhm, 100mW (lub wiecej), ±0.5%	https://pl.farnell.com/ohmite/vk12r020der/current-sense-res-0r02-0-5-500/dp/1462292
RES		R186, R188	0805_KICAD	RES	2	820	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R194	0402_KICAD	RES	1	6.49k	62.5mW (lub wiecej), ±1% (lub mniej)	https://pl.farnell.com/multicomp-pro/mcwr04x6491ftl/res-6k49-1-0-0625w-thick-film/dp/2447210
RES		R195	0402_NEW	RES	1	4.7k	62.5mW (lub wiecej), ±5% (lub mniej)	
RES		R198	0805_KICAD	RES	1	220	62.5mW (lub wiecej), ±5% (lub mniej)	
SDMICRO		J14	SDMICRO_MOLEX-104031-0811	SDMICRO	1			https://pl.farnell.com/molex/104031-0811/connector-micro-sd-8pos/dp/2678573
SHTC3		U6	SHTC3	SHTC3	1			https://pl.farnell.com/sensirion/shtc3/humidity-temp-sensor-dfn-4/dp/3106918
SI-50170-F		MAG1	SI-50170-F	SI-50170-F	1			https://pl.farnell.com/stewart-connector/si-50170-f/connector-r145-jack-8p8c-tht/dp/2676003?st=SI-50170-F
STM32H753BI		U*1	STM32H753BI	STM32H753BI	1			https://pl.farnell.com/stmicroelectronics/stm32h753bit6/mcu-arm-cortex-m7-400mhz-lqfp/dp/2850997